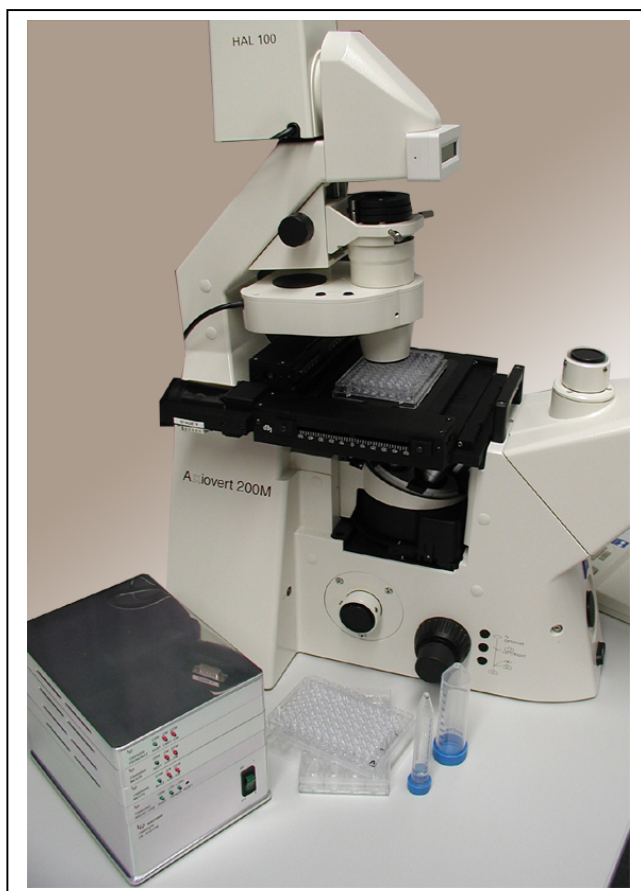


Microscope Peripherals

High Precision XY-Stage Systems

for automatic scanning of Multiwell- and Microtiter-plates and exact positioning of defined multiple coordinates with highest resolution

High resolution XY-table getting more and more important in the growing market of microscopy applications for histology- and fluorescence analysis. The high accuracy of these stages allows the repetitive measurement of different positions of specimens. With the Joystick several regions of interest can be selected easily. These coordinates can be stored and recalled, e.g. by the Visitron Software, during analysis and experiment control. The scan of sample slides or microtiter plates with different sizes and up to 1536 wells can be scanned without any problems. The control unit offers an RS-232 serial or USB Interface. Additional modules for Z-axis and filter wheel control are available. XY stages are perfect components for multiple dimension acquisition. Perfusion and incubation chambers for Live Cell Imaging can be combined with the stage setup



General Specifications:

- travel range from 102mm x 102mm up to 254mm x 102mm
- high speed stepper or DC servo motor driven with e.g. 0,1 μ m@30mm/ Sec.
- high resolution of about 0,1 μ m, repeatability of 0,75 μ m and resolution of „Full Travel“ of about 5 μ m
- precision „ground crossed roller“ bearings for straightness and flatness of travel
- available for upright and inverted microscopes
- compact and modular design
- for almost all types of Microscopes e.g. Zeiss, Leica, Nikon and Olympus

